Application No. 10/589,274 Paper Dated: July 30, 2010

In Reply to USPTO Correspondence of April 30, 2010

Attorney Docket No. 1455-062312

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/589,274

Confirmation No. 5731

Applicants

: JIN HO SONG et al.

Filed

: February 7, 2005

Title

PASSIVE COOLING AND ARRESTING DEVICE FOR

MOLTEN CORE MATERIAL

Group Art Unit

3663

Examiner

: Ricardo J. Palabrica

Customer No.

28289

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated April 30, 2010, Applicants submit the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Drawings begin on page 5 of this paper and include both an attached Replacement Sheet and an Annotated Sheet showing changes.

Remarks begin on page 6 of this paper.

I hereby certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office on the below date.

07/30/2010

Date

Signature

Melissa Mazurak

Typed Name of Person Signing Certificate